



#2 *DAE*  
(5)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Victor F. Petrenko  
Application No.: 10/043,752  
Filed: January 9, 2002

Attorney Docket No. 392150  
Group No.: Unknown  
Examiner: Unknown

For: PLASMA-BASED DE-ICING

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JUN 18 2002  
OFFICE OF PETITIONS

Assistant Commissioner for Patents  
Washington, D.C. 20231

DEFICIENCY PAYMENT TO CORRECT ERROR IN SMALL ENTITY STATUS

Pursuant to 37 CFR 1.28(c)(1) and (2) an itemization and payment of deficiency owed are hereby submitted. The undersigned attorney requests under § 1.28(d) that the deficiency payment be treated as a notification under § 1.27(g)(2) of the loss of entitlement to small entity status.

Fee Description	Date	Fee Paid	Corrected Fee Amount	Deficiency Due
Basic Filing Fee	1/9/02	\$370.00	\$740.00	\$370.00
Extra Claims Fees	1/9/02			
33 Total Claims		\$ 117.00	\$234.00	\$117.00
3 Independent Claims		\$ 0.00	\$ 0.00	\$ 0.00
Total Deficiency Payment Owed:				\$487.00

A deficiency payment in the amount of \$487.00 is enclosed. If any additional amount is due, please charge Deposit Account No. 12-0600.

Adjustment date: 06/18/2002 AWDNDAF1  
01/17/2002 HLE333 00000004 10043752  
01-FC:201 370.00-OP  
02-FC:203 117.00-OP

06/18/2002 AWDNDAF1 00000076 10043752

01 FC:101 740.00 OP  
02 FC:103 234.00 OP

Respectfully submitted,

By: *Thomas Swenson*  
Thomas Swenson, Reg. No. 36,696  
Lathrop & Gage, L.C.  
4845 Pearl East Circle, #300  
Boulder, CO 80301  
Telephone: (303) 449-5800  
Facsimile: (303) 443-6998

CERTIFICATE UNDER 37 C.F.R. 1.8(a) and 1.10

I hereby certify that, on the date shown below, this correspondence is being deposited with the United States Postal Service in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231 with sufficient postage:

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37 CFR 1.8(a) as First Class Mail

*June 3, 2002*  
Date

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37 CFR 1.10 as Express Mail Post Office to Addressee EXPRESS MAIL NO.

*Carol J. Dunkel*  
Carol J. Dunkel



Practitioner's Docket No. 392150

PATENT

0.410 \$

IN THE UNITED STATES PATENT OFFICE

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Application No.: 10/043,752  
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Group No.: Unknown  
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CERTIFICATE OF MAILING

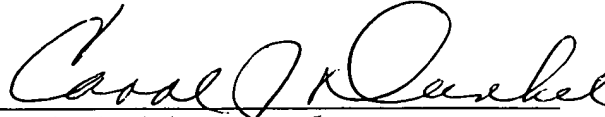
Date of Deposit: June 3, 2002

I hereby state that the following *attached* papers:

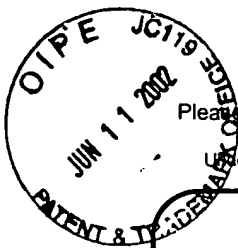
Commissioner for Patents  
Washington, D.C. 20231

1. Transmittal Form [1 page]
2. Fee Transmittal for FY 2002 [1 page]
3. Deficiency Payment to Correct Error in Small Entity Status [1 page]
4. Check No. 2575 in the amount of \$487.00 for total deficiency owed
5. Certificate of Mailing, [1 page]
6. Return Postcard [1].

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Carol J. Dunkel

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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/043,752	
	Filing Date	January 9, 2002	
	First Named Inventor	Victor F. Petrenko	
	Group Art Unit	Unknown	
	Examiner Name	Unknown	
Total Number of Pages in This Submission	4	Attorney Docket Number	392150

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ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form  <input checked="" type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment / Response  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application)  <input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____  Remarks	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  1. Deficiency Payment to Correct Error In Small Entity Status - Rule 1.28 2. Certificate of Mailing 3. Return Postcard

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Thomas Swenson Lathrop & Gage, L.C.
Signature	
Date	June 3, 2002

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: June 3, 2002			
Typed or printed name	Carol J. Dunkel		
Signature		Date	June 3, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 487

## Complete if Known

Application Number 10/043,752  
Filing Date January 9, 2002  
First Named Inventor Victor F. Petrenko  
Examiner Name Unknown  
Group / Art Unit Unknown  
Attorney Docket No. 392150

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## METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:
- Deposit Account Number 12-0600
- Deposit Account Name Lathrop & Gage, L.C.
- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☐ Applicant claims small entity status. See 37 CFR 1.27
2. ☒ Payment Enclosed:
- ☒ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	
SUBTOTAL (1)					(\$ 0)

### 2. EXTRA CLAIM FEES

Total Claims	<input type="text"/>	-20 **	=	<input type="text" value="0"/>	X	Fee from below	=	<input type="text" value="0"/>
Independent Claims	<input type="text"/>	-3 **	=	<input type="text" value="0"/>	X	<input type="text"/>	=	<input type="text" value="0"/>
Multiple Dependent					X	<input type="text"/>	=	<input type="text" value="0"/>

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17 (q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify) Payment of total deficiency owed					487

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 487)

## SUBMITTED BY

## Complete (if applicable)

Name (Print/Type)	Thomas Swenson	Registration No. Attorney/Agent)	36,696*	Telephone	(303) 449-5800
Signature	Thomas Swenson	Date	June 3, 2002		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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